

Access DB#

64021

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: ANDY KASHNIKOV Examiner #: 60404 Date: 4/8/02
Art Unit: 3700 Phone Number 303-1137 Serial Number: 091546351
Mail Box and Bldg/Room Location: CP2-2A01 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

COMPLETED

LIT SEARCH 5,733,313

APR - 8 2002

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Solomon</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5932</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>CP2, 2C08</u>	Structure (#) _____	<u>Questel/Orbit</u>
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>4-8-02</u>	Litigation <input checked="" type="checkbox"/>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>2</u>	Other _____	Other (specify) _____

1 of 1 DOCUMENT

5,733,313

GET 1st DRAWING SHEET OF 6

Mar. 31, 1998

RF coupled, implantable medical device with rechargeable
back-up power source

REISSUE: Reissue Application filed Mar. 31, 2000 (O.G. Aug. 1, 2000) Ex. Gp.:
3737; Re. S.N. 09/541,351

(C) QUESTEL 1994
QUESTEL.ORBIT (TM) 1998

Selected file: PLUSPAT

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5733313 A 19980331 [US5733313]
TI - (A) RF coupled, implantable medical device with rechargeable
back-up power source
PA - (A) EXONIX CORP (US)
IN - (A) BARRERAS SR FRANCISCO JOSE (US); JIMENEZ OSCAR (US)
AP - US69096896 19960801 [1996US-0690968]
PR - US69096896 19960801 [1996US-0690968]
IC - (A) A61N-001/08
EC - A61N-001/08
A61N-001/378C
PCL - ORIGINAL (O) : 607033000; CROSS-REFERENCE (X) : 128903000
607060000 607061000
DT - Basic
CT - US3942535; US4041955; US4408607; US4441498; US4793353; US5279292;
US5314453; US5314457; US5476488; US5480415
STG - (A) United States patent
AB - The implantable, electrically operated medical device system
comprises an implanted radio frequency (RF) receiving unit
(receiver) incorporating a back-up rechargeable power supply and
an implanted, electrically operated device, and an external RF
transmitting unit (transmitter). RF energy is transmitted by the
transmitter and is coupled into the receiver which is used to
power the implanted medical device and/or recharge the back-up
power supply. The back-up power supply within the receiver has
enough capacity to be able to, by itself, power the implanted
device coupled to the receiver for at least 24 hours during
continual delivery of medical therapy. The receiver is surgically
implanted within the patient and the transmitter is worn
externally by the patient. The transmitter can be powered by
either a rechargeable or non-rechargeable battery. In a first
mode of operation, the transmitter will supply power, via RF
coupled energy, to operate the receiver and simultaneously
recharge the back-up power supply. In a second mode of operation,
the receiver can, automatically or upon external command from the
transmitter, acquire its supply of power exclusively from the
back-up power supply. Yet, in a third mode of operation, the
receiver can, automatically or upon command from the transmitter,
alternatively acquire its supply of power from either, RF energy
coupled into the receiver or the internal back-up power supply.

1 / 1 LGST - @LEGSTAT
PN - US 5733313 [US5733313]
AP - US 690968/96 19960801 [1996US-0690968]
DT - US-P
ACT - 19960801 US/AE-A
APPLICATION DATA (PATENT)
US 690968/96 19960801 [1996US-0690968]

19961021 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
EXONIX BIOMEDICAL ENGINEERING 9344 N.W. 13 STREET MIAMI, FLORIDA
33172 * BARRERAS, FRANCISCO JOSE, SR. : 19961018; JIMENEZ, OSCAR :
19961018

19980331 US/A
PATENT

20000801 US/RF
REISSUE APPLICATION FILED
20000331
UP - 2000-31

1 / 1 CRXX - @CLAIMS/RRX
PN - 5,733,313 A 19980331 [US5733313]
PA - Exonix Corp
ACT - 20000331 REISSUE REQUESTED
Issue Date of O.G.: 20000801
Reissue Request Number: 09/541351
Examination Group responsible for Reissue process: 3737

1 / 1 PAST - @PAST
AN - 200031-001332
PN - 5733313 A [US5733313]
OG - 2000-08-01
ACT - REISSUE APPLICATION FILED

Selected file: INPADO

1 / 1 INPADO - @INPADO
PN - US 5733313 A 19980331 [US5733313]
TI - RF COUPLED, IMPLANTABLE MEDICAL DEVICE WITH RECHARGEABLE BACK-UP
POWER SOURCE
IN - BARRERAS SR FRANCISCO JOSE [US]; JIMENEZ OSCAR [US]
PA - EXONIX CORP [US]
AP - US 690968/96-A 19960801 [1996US-0690968]
PR - US 690968/96-A 19960801 [1996US-0690968]
IC - A61N-001/08

1 / 1 LEGALI - @LEGSTAT
PN - US 5733313 [US5733313]
AP - US 690968/96 19960801 [1996US-0690968]
DT - US-P
ACTE - 19960801 US/AE-A
APPLICATION DATA (PATENT)
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: 19961018

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PATENT

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UP - 2000-31